

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, (MS-25)
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.

1. Use a recent generation-based study to calculate our current reporting year generation amount, but not officially change our existing Board-approved base year.
 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199.

Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name	County		
City of Lakeport	Lake		
Authorized Signature	Title		
Type/Print Name of Person Signing	Date	Phone () Include Area Code	
Person Completing This Form (please print or type)	Title		
Affiliation:			
Mailing Address	City	State	ZIP Code
E-Mail Address			

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary— reference each response to the appropriate cell number (e.g., 4).

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved existing base-year:	2. Proposed new generation-based study year:
1990	1999

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

In regard to the amount of material disposed of, there is currently a more accurate determination being made of the weight from the Transfer Station because of correlation with the AMFAB data; also there is more accurate origin accounting because of the quarterly origin monitoring program conducted by the City. In regard to the amount of materials being diverted, a more accurate accounting is being made that identifies diversions that were previously not counted.

4. Enter your diversion rates below.

Diversion rate calculated using existing base year	a. 32 %	Diversion rate calculated using new generation-based study	b. 40 %
For existing base year pounds/person/day based on generation	8.41	For new generation based study pounds/person/day based on generation	<u>11.02</u> <u>44.12</u>
Residential generation 60 % Non-Residential Generation 40 %		Residential generation 60% Non-Residential generation 40%	
Population existing generation-based study 4390		Population new generation-based study 4580	

5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples, e.g. change in jurisdiction's demographics.

The City of Lakeport is a commercial center for Lake County. The 1990 Base Year Data did not take into account all the wastes generated and diverted by businesses not using the Franchise Service or public diversion opportunities that were available at the time. The increase in the lbs/person/day reflects the large commercial volume of wastes that are generated; private diversion efforts, driven by economics, are chiefly responsible for the large amounts and high percentages of materials being diverted by private businesses.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

Reasons for the diversion difference include: 1) waste origin errors, 2) inaccurate disposal quantity amounts, 3) inaccurate waste generation amounts, 4) more accurate assessment of the quantity of materials diverted, and 5) improved diversion programs.

7. Disposal Tonnage: (enter values)			
	Residential	Non-Residential	Total
3745	1618	1844	3501
5E84			

7. Disposal Tonnage: (enter values)

Please select the ONE choice below that best explains your disposal data and complete the required tables.

- a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)
- b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at <http://www.ciwmmb.ca.gov/lgccentral/forms/tytnmdrq.doc>)
- c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at <http://www.ciwmmb.ca.gov/lgccentral/forms/tytnmdrq.doc>)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested. Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, [agricultural wastes, inert solids (e.g., concrete, asphalt, dirt, etc.), white goods, and scrap metal] please identify those programs/waste types and fill out section 10. Please mark as Attachment 8 all copies of survey forms.

*Please provide detailed non-Residential waste audit information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.

Diversion Activity	Source Reduction	Actual Tons	Total Generation	Relative Percent to Specific material type(s) (List operation w/multiple materials in one box)	Type of record and location of record
Please use the Board's program types. The program type glossary is online at http://www.ciwmmb.ca.gov/lgccentral/pubs/codes/reduce.htm	(A)	(A)	(A)		
Residential Activities:					
Backyard composting		0%			CWMB
Grass recycling		0%			CWMB
Other Residential source reduction (list each program separately)					
		0.0%			
		0.0%			
		0.0%			
		0.0%			
Enter program name					
Subtotal Residential Source Reduction	0	0.0%			
Commercial Activities:					
Recycling					
Curbside Recycling	770	8.4%	CRV, cardboard, paper, scrap metal	Actual Weights	Lakeport Disposal - printouts from owner
Buyback centers	785	8.6%	CRV	Actual Weights	Timberline Recycling & Private Recycler - Owner's Records, receipts and logs, are stored on premises
Drop-off centers					

Division/Activity	Actual tons	Relative Percent to Total Generation	Specific material types (list operation w/multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: http://www.clwmb.ca/dovigcentral/bans/codes/reduce.htm	(A) 0	(At least 1 generation)			
Other Residential recycling <input checked="" type="checkbox"/> [list each program separately]					
Enter program name					
Enter program name					
Enter program name					
Subtotal: Residential Recycling	1565	17.0%			
Composting					
Green waste drop-off	271	2.9%	Greenwaste	Actual Weights	Timberline Recycling Records
Curbside Green waste	30	0.3%	Greenwaste	Actual Weights	Lakeport Disposal - printouts from owner
Christmas Tree program					
Other Residential composting <input checked="" type="checkbox"/> [list each program separately]					
Enter program name					
Enter program name					
Enter program name					
Subtotal: Residential Composting	301	3.3%			
Residential Diversion	1865	20.2%			
Non-Residential Activities:					
Non-Residential Waste Reduction	339	3.9%			See Section 9
Other non-Residential source reduction <input checked="" type="checkbox"/> [list each program separately]					See Section 9
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal: Non-Residential Source Reduction	339	3.9%			

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific material(s) [list operation w/multiple materials in one box]	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: http://www.cwmw.ca.gov/glossary/parts/codesreduce.htm	(A)	(Actual Generation)			
Recycling	1061	11.5%	See Section 9	See Section 9	See Section 9
Non-Residential Waste Audits*					
Other non-Residential recycling (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Recycling	1061	11.5%			
Composting	418	4.5%	See Section 9	See Section 9	See Section 9
Non-Residential Waste Audits*					
Other non-Residential composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	418	4.5%			
Subtotal Non-Residential	1838	19.9%			
Residential/Non-Residential Diversion Activities					
ADC					
Sludge					
Scrap metal					
Construction and demolition					
Landfill salvage					
Subtotal Residential/Non-Residential diversion	0	0.0%			
Total Res/Non-Res. Source Reduction Tons	358	3.9%			
Total Diversion Tons	3703	40.2%			
Total Disposal Tons from Sec 7	5589	59.8%			
Total Generation Tons (Div+Dis)	9212				
Diversion Rate		40%			

9. Specific Non-Residential Sector Waste Audits-Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

(Form will perform all addition calculations).

Please provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s) used.

Type of Non-residential Generator	Audit Reference Number	Specific/Major Diversion Activities <small>(e.g. paper recycling, grasscycling). (List activities on one line)</small>	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Diversion Tons/(Total Generation in Section 8)	Survey Method <small>Phone (P) Mail (M) On-site (O) Other _____</small>
Grocery store	71	Food and paper composting, cardboard recycling, plastic recycling, rendering, food reuse	81	195	74	350	3.8%	O
Grocery store	6	Cardboard recycling, food composting, pallets recycling, rendering, food and damaged containers	49	273	10	332	3.6%	O
Retail Sales	32	Cardboard recycling		255		255	2.7%	O
Fairgrounds	37	Hay Composting			132	132	1.4%	P
Public Agency	46	Pallets reuse, greenwaste composting	4		109	113	1.2%	O
Grocery Store	45	Cardboard recycling, food reuse, pallets reuse	15	81	83	96	1.0%	O
City	10	Leaves, grass composting				83	0.9%	O
Retail	17	Pallets reuse, cardboard recycling	1	62		63	0.7%	P
Retail	72	Used appliances resold source reduction, used appliances recycled		26	26	52	0.6%	O
Supplies	86	Cardboard reuse, metal recycling	45	1		45.7	0.5%	O
		Totals	221.2	892.5	408	1521.7	16.4%	

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources. (e.g. Cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business)

Quantification:

CARDBOARD RECYCLING Business #6: Manager confirmed 11 bales per week @ 800 lbs per bale. Business #17: Manager confirmed 4 bales per week @ 600 lbs per bale. Business #32: Manager confirmed 14 bales per week @ 700 lbs per bale. Business #45: Manager provided actual tons. Business #71: Manager confirmed 8 bales per week @ 750 lbs per bale.

CARDBOARD REUSE Business #6: Manager confirmed 15 bundles per week @ 116 lbs per bundle.

FOOD COMPOSTING Business #6: Manager confirmed 70 lbs per week. Manager estimated @ 400 lbs per day.

FOOD COMPOSTING Business #6: Manager confirmed 70 lbs per week. Manager estimated @ 400 lbs per day.
PALLET RECYCLING Business #6: Manager confirmed 280 pallets every other month @ 40 lbs per pallet.

RENDERING RECYCLING Business #6: Manager confirmed 250 lbs per week (bone and fat). Manager confirmed 60 gallons a month @ 8 lbs per gallon (cooking oil). Business #71: Manager confirmed 80 gallons per month @ 7.45 lbs per gallons (DSC).

FOOD and DAMAGED CONTAINERS COMPOSTED Business #6: Manager confirmed 300 lbs per week.

GREENWASTE COMPOSTING Business #10: Manager confirmed 70 cubic yards every other month @ 343.7 (leaves). Business #10: Manager estimated 424 cubic yards @ 280 lbs per cubic yard (grass). Business #46: Manager estimated 30 cubic yards per week @ 280 lbs per yard @ 6 months per year.

PALLET REUSE SOURCE REDUCTION Business #17: Manager estimated 50 pallets per year @ 40 lbs each. Business #45: Manager estimated 600 pallets per year @ 40 lbs each. Business #46: Manager estimated 200 pallets per year @ 40 lbs each.

PAPER COMPOSTING Business #71: Estimate provided by store.

PLASTIC RECYCLING Business #71: Estimated by store @ 175 lbs per week.

FOOD REUSE Business #45: Manager estimate for food damaged 200 lbs per month and for bread donated 65 lbs per week. Business #71: Manager estimated food waste to pig farmers @ 400 lbs per day and bread donated 315 lbs per week.

HAY COMPOSTING Business #37: Estimated 493 cubic yards per year @ 24 lbs per cubic foot.

USED APPLIANCES RESOLD SOURCE REDUCTION Business #72: Estimated @ 10 per week @ 100 lbs per week.

USED APPLIANCES RECYCLED Business #72: Estimated @ 10 per week @ 100 lbs per week.

METAL RECYCLING Business #86: Estimated provided by store.

10. For each restricted waste type [i.e., agricultural waste, inert solids, (e.g. concreter, asphalt, dirt, etc.) scrap metals and white goods (PRC Section 41781.2)] and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

(Note: program name refers to one specific diversion program for that waste type; (e.g., diversion conducted by City Public Waste Dept).

Restricted Waste Type	Specific Program name	Year started	Tonnage
White Goods	▼ Generator's #67, 72, 50, 61, 72,	1990	88
Scrap Metal	▼ Franchise Curbside	1994	7
Scrap Metal	▼ Buyback	1994	238
Scrap Metal	▼ Generator's #18, 61, 1, 51, 11b, 25, 46, 30, 23, 41, 51	1996	38
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		

b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.

Instead please provide date of Board approval of preciously submitted information.

(Date)

If documentation is not available, go to 10d.

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (Note: this criterion is applicable to the entire jurisdiction, not to individual programs [PRC Sec. 41781.2 (c) (2)]). Please include documentation.
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New base year or reporting year diversion tonnage
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. (Note : Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.)

Restricted Waste Type	Specific Program name	New base year or reporting year tonnage	1990 diversion tonnage	Difference
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			

Ref. #	Type of Generator	Residential/Non Residential	Material type	Diversion Activity	Weight (In tons) (Revised)			Conversion factor and source (If the actual weight was used, please note that.)	Quantification methodology used to calculate weight
					Source Reduction	Recycling	Compost		
2 Furniture Store	Non residential	used furniture	furniture is set outside for people to take back hauled and recycled	materials exchange --	5.2			5.2 owner's estimate	200 lbs a week per owner
3 Bank	Non residential	cardboard	back hauled and recycled	back hauled and recycled	0.1			0.1 manager's estimate	32 gallons per month
3 Bank	Non residential	paper	back hauled, shredded and recycled	back hauled and recycled	0.9			0.9 manager's estimate	15 lbs per month 20 bags per month at 8 lbs per bag 160 lbs per month
3 Bank	Non residential	records	back hauled and recycled	back hauled and recycled	0.5			0.5 manager's estimate	21 - 30 boxes per year 40 lbs per box 11 - 800 lb bales a week per owner sold to Timberline
6 Grocery Store	Non residential	cardboard	recycled	source reduction, backhauled, reused	228.8			228.8 owner's estimate	100 pallets a week 40lbs a pallet
6 Grocery Store	Non residential	pallets	recycling	backhauled, reused	0			0 4 owner's estimate	100 lbs per week per owner
6 Grocery Store	Non residential	pallets	recycling	backhauled, sold to outlets	33.6			33.6 40 lbs per pallet	280 pallets every other month
6 Grocery Store	Non residential	misc. food (dated material)	backhauled, reused	0					100 lbs per week per owner
6 Grocery Store	Non residential	bones and fat	rendering	backhauled, composted	2.6			2.6 owner's estimate	250 lbs a week
6 Grocery Store	Non residential	food & damaged containers	composted	backhauled, composted	7.8			7.80 6.5 owner's estimate	300 lbs a week
6 Grocery Store	Non residential	stale bread	composted	backhauled, composted	7.8			7.8 owner's estimate	70 - 90 lbs a week (8 lbs a gallon)
6 Grocery Store	Non residential	cooking oil	rendering	source reduction - pig food	1.82			1.82 48.2 owner's estimate	60 gallons a month (8 lbs a gallon)
6 Grocery Store	Non residential	food waste	rendering	source reduction - pig food	2.9			2.9 owner's estimate	2,000 lbs per week
6 Grocery Store	Non residential	Fast Food Restaurant	cooking oil	rendering	46.8			46.80 52 owner's estimate	400 lbs a month
10 City of Lakeport	Non residential	leaves	gov. composting program - mulch compost pile	gov. composting program - mulch compost pile	2.4			2.4 manager's estimate	343.7 lbs per cubic yard for dry leaves Diversion Study Guide 1999
10 City of Lakeport	Non residential	grass	gov. composting program - mulch compost pile	gov. composting program - mulch compost pile	9.8			9.8 Diversion Study Guide 1999	70 cubic yards of leaves
14 Company Service	Non residential	paper	shredded, recycled	shredded, recycled	0.9			0.9 manager's estimate	424 cubic yards of grass
14 Company Service	Non residential	paper	materials exchange -- donated to schools	materials exchange -- donated to schools	0.1			0.1 manager's estimate	100 lbs every three weeks of documents
15 Furniture Store	Non residential	used furniture	materials exchange -- picked up by scavengers	materials exchange -- picked up by scavengers	7.2			60 lbs a piece Diversion study guide 1999 Average from the furniture listed	300 lbs per year of books & maps 20 pieces a month 60 lbs a piece
17 Retail Store	Non residential	cardboard	back hauled, recycled	back hauled, recycled	62.4			62.4 manager's estimate	4/500# bales/week

**City of Lakeport
Origin Survey - 1999**

Agenda Item 48
Attachment 2b (Revised)

Ref. #	Type of Generator	Residential/Non Residential	Material type	Diversion Activity	Source Reduction	Recycling	Compost	Weight (in tons) Revised	Conversion factor and source (if the actual weight was used, please note that.)	Quantification methodology used to calculate weight
								totals	1 manager's estimate	25 pallets per week 100 lbs a month of car parts 1.2 employees 53.2 tons per employee per year
17 Retail Store	Non residential	pallets	scrap metal	recycled	1			0.6	0.6 manager's estimate	53.2 per employee Diversion Study Guide 1999 (Used most conservative numbers)
18 Gas Station	Non residential	scrap metal	furniture	materials exchange	0			0 63.8	0 manager's estimate	500 lbs every two weeks 4 pallets/week @40# each
22 Thrift Store	Non residential	scrap metal		returned to parts manufacturer for reuse	0			0.16	0.16 manager's estimate	2,100 lbs per year of recycled metals (estimated)
23 Auto Supply	Non residential	pallets		source reduction, backhauled, reused	0.16			1	1 manager's estimate	5 cubic yards per year 5 a week 50 lbs a piece
25 Tire Shop	Non residential	metal	recycled	recycled (goes to Timberline)	2			2	2 manager's estimate	.04 tons per sq. foot per year Diversion Study Guide 1999 (most conservative number was used)
26 Retail Sales	Non residential	scrap metal		source reduction, backhauled, reused	6.5			6.5	6.5 manager's estimate	40 gallon can a week for paper 493 cubic yards per year 24 lbs per cubic foot
26 Retail Sales	Non residential	delivery crates								
27 Thrift Store	Residential	misc. sales	materials exchange	0				0 483.6	0 483.6 manager's estimate	4,590 sq. foot
30 Retail Sales	Non residential	scrap metal	business source reduction – returned to parts manufacturer for reprocessing	0				0 3.2	0 3.2 manager's estimate	535 lbs per month
31 Restaurant	Non residential	food oil	rendering		1.6			1.6	1.6 manager's estimate	60 lbs per week 14 each 700 LB bales per week 60 pallets/week @ 40# each
32 Retail Sales	Non residential	cardboard	back-hauled, recycled	source reduction, backhauled, reused	254.8			254.8	254.8 manager's estimate	
32 Retail Sales	Non residential	pallets			0			0 2.4	0 2.4 manager's estimate	
36 Bank	Non residential	paper	shredded, recycled		0.8			0.8	0.8 Study Guide 1999	
37 Fair Grounds	Non residential	hay	Government mulch program - greenwaste		131.9	131.9	Diversions Study Guide 1999 baled hay	450.7	400 negatives and 1000 plates weigh 2 ounces each	400 lbs per month film negatives and plates
38 Business	Non residential	plastic	sold to recycler	materials exchange, picked up by salvager and resold	2.3			2.3		
41 Auto Supply	Non residential	scrap metal			0			0	0 manager's estimate	100 lbs per month

Ref. #	Type of Generator	Residential/Non Residential	Material type	Diversion Activity	Weight (in tons) Revised			Conversion factor and source (if the actual weight was used, please note that.)	Quantification methodology used to calculate weight
					Source Reduction	Recycling	Compost		
41	Auto Supply	Non residential	scrap metal - car part cores	business source reduction - manufacturer for rebuilding	0			0 manager's estimate	200 lbs a week per owner
42	Gas Station	Non residential	food (outdated)	back hauled -- donated for pig food, resale store and sandwiches are given to employees	0.9			0.9 estimated	30 gallons per month 5 lbs per gallon (corrected for double counting)
43	Service for Businesses	Non residential	paper	shredded, recycled	26.5			26.5 actual tons	57,600 lbs per year
44	Furniture Store	Non residential	furniture	materials exchange -- scavenging	7.8			7.8 estimated by the owner	13 pieces a week at a 100 pounds a piece
44	Furniture Store	Non residential	carpet	materials exchange -- donated	0.1			0.1 estimated by the owner	300 lbs per year
45	Grocery Store	Non residential	cardboard	commercial onsite pickup -- recycled	80.8			80.8 actual tons	
45	Grocery Store	Non residential	food and damaged containers	materials exchange donated to seniors	1.2			1.2 manager's estimate	200 lbs per month
45	Grocery Store	Non residential	bread	back hauled, sold to outlets	1.7			1.7 manager's estimate	65 lbs per week
45	Grocery Store	Non residential	pallets	source reduction, backhauled, reused	12			12 manager's estimate	300 pallets a month 3,500 lbs per year car part cores
46	Public Agency	Non residential	scrap metal	sent back for remanufacturing	0			0 4.7 manager's estimate	100 pallets a month 40 lbs a pallet
46	Public Agency	Non residential	pallets	source reduction, backhauled, reused	4			4 manager's estimate	30 cubic yards per week at 280 lbs per cubic yard
46	Public Agency	Non residential	greenwaste	composting facility recycled	26	109.2	109.2 Diversion Study Guide	6 months per year 1999 estimated by the store	1000 lbs per week
50	Retail Sales	Non residential	cardboard	plastic buckets collected and shredded, recycled at the transfer station	0.1			0.1 manager's estimate	20 lbs per month
50	Retail Sales	Non residential	plastic	collected and shredded, composted	1.2			1.2 manager's estimate	200 lbs per month
50	Retail Sales	Non residential	paper	backhauled by corporation, donated	1.3			1.3 manager's estimate	50 lbs per week 30 pallets/week @40# each
50	Retail Sales	Non residential	pallets	source reduction, backhauled, reused	1.2			1.2 manager's estimate	
50	Retail Sales	Non residential	small appliances	reused -- sent back for remanufacturing	0.3			0.3 manager's estimate	50 lbs per month

**City of Lakeport
Origin Survey - 1999**

Ref. #	Type of Generator	Residential/Non Residential	Material type	Diversion Activity	Source Reduction	Recycling	Compost	Weight (in tons) Revised	Conversion factor and source [if the actual weight was used, please note that.]	Quantification methodology used to calculate weight
								totals	manager's estimate	20 lbs per week 16 weeks per year
50	Retail Sales	Non residential	plants	back hauled, composted		0.2	0.2	0.2	manager's estimate	175 lbs a week
51	Retail Store	Non residential	scrap metal -- tin & metal	picked up by scavenger and sold	4.5			4.5	manager's estimate	125 lbs a month
51	Retail Store	Non residential	scrap metal --- wheel weights	recycled		0.7		0.7	business estimates	50 lbs a week
51	Retail Store	Non residential	scrap metal parts & cores	sent back for remanufacturing	0			0 4.3	business estimates	90 lbs a week packing materials and boxes
52	Retail Store	Non residential	paper	wrapping and packing	2.3			2.3	business estimates	10 - 12.5 gallon jugs per week 30 lbs per week
53	Fast Food Restaurant	Non residential	plastic	given to customers				0.7	business estimates	250 lbs a week
53	Fast Food Restaurant	Non residential	used cooking oil	rendering		6		6	business estimates	400 lbs per year of used books
54	Public Agency	Non residential	paper	materials exchange reuse - sold to bookstore	0.2			0.2	business estimates	120 lbs per week 4 lbs per cartridge 30 per week
55	Retail Sales	Non residential	toners	business source reduction reuse - sold to manufacturer	3.1			3.1	business estimates	40 lbs a pallet Diversion Study Guide 1999
56	Retail Sales	Non residential	pallets	source reduction, backhauled, reused	0.08			0.08	business estimate	2 per week 40 lbs a piece
57	Grocery Store	Non residential	cardboard	back-hauled, recycled		31.2		31.2 44.6	owners estimate	16.00 lbs per week
57	Grocery Store	Non residential	plastic buckets	material exchange donated	0.2			0.2	owners estimate	10 lbs per week
57	Grocery Store	Non residential	food waste	source reduction, picked up by pig farmers	2.6			2.6	owners estimate	100 lbs per week
57	Grocery Store	Non residential	cooking oil	rendering		1.9		1.9	Diversion Study Guide 1999	74 lbs per week
57	Grocery Store	Non residential	pallets	source reduction, backhauled, reused	0			0 0.6	40 lbs a pallet Diversion Study Guide 1999	15 pallets per week
57	Grocery Store	Non residential	damaged food containers	corporation, resold	0.5			0.5	store estimate	20 lbs per week
57	Grocery Store	Non residential	bone and meat waste	rendering		3.9		3.9	store estimate	150 lbs per week
61	Retail Sales	Non residential	scrap metal - range hoods	sold to salvager		0.3		0.3	manager's estimate	50 lbs per month 10 at 5 lbs
61	Retail Sales	Non residential	white goods	repaired and resold deducted from #59 and percentages	21			21	Diversion Study Guide 1999 (conservative average)	200 lbs per appliance Diversion Study Guide 1999
61	Retail Sales	Non residential	scrap metal (appliances)	adjusted recycled		21		21	(conservative average)	rebuildable 17.5 a month 17.5 a month

**City of Lakeport
Origin Survey - 1999**

Ref. #	Type of Generator	Residential/Non Residential	Material type	Diversion Activity	Source Reduction	Recycling	Compost	Weight (in tons) Revised	Conversion factor and source [if the actual weight was used, please note that]	Quantification methodology used to calculate weight
64	Restaurant	Non residential	plastic buckets	recycling	0.2			0.2	1.9 white bucket Diversion Study Guide 1999	4.5 buckets 9 lbs a week
64	Restaurant	Non residential	cooking oil	recycling	4.5			4.5	1999 Diversion Study Guide store estimate	100 gallons a month
67	Retail Sales	Non residential	white goods	source reduction	7.5			7.5	125 lbs per appliance by owner	752.4 lbs a month
67	Retail Sales	Non residential	white goods	recycled	7.5			7.5	125 lbs per appliance by owner	20 per month
68	Restaurant	Non residential	cooking oil	rendering	1.8			1.8	7.45 Diversion Study Guide 1999	40 gals/no estimated by owner
71	Grocery Store	Non residential	misc. paper	back hauled, shredded and composted				1.3	1.3 estimated by the store	2,300 LB bales per week
71	Grocery Store	Non residential	cardboard	back hauled, recycled				156	156 estimated by the store	175 lbs a week
71	Grocery Store	Non residential	plastic	back hauled, recycled				4.6	4.6 estimated by the store	400 lbs per day
71	Grocery Store	Non residential	food waste	pig farmers	72.8			72.8	7.45 Diversion Study Guide 1999	80 gallons per month
71	Grocery Store	Non residential	cooking oil	rendering				3.5	3.5 estimated by the store	400 lbs per day
71	Grocery Store	Non residential	outdated foods & coded boxes	backhauled for composting				72.8	7.45 Diversion Study Guide 1999	1200 lbs a week
71	Grocery Store	Non residential	meat waste bones	rendering				31.2	31.2 estimated by the store	315 lbs per week
71	Grocery Store	Non residential	bread	materials exchange donated to seniors	8.2			8.2	40 lbs per pallet Diversion Study Guide 1999	40 per day
71	Grocery Store	Non residential	pallets	source reduction, backhauled, reused	0			0 4.6	26 store estimate	10 per week 100 lbs each
72	Retail Sales	Non residential	used appliances	resold	26			26	26 store estimate	10 per week 100 lbs each
72	Retail Sales	Non residential	used appliances	sold to salvager, recycled	26			26	26 store estimate	10 per week 100 lbs each
75	Thrift Store	Non residential	misc. items	materials exchange	0			0 63.6	Diversion Study Guide 1999 (most conservative average)	feet at .04 sq. ft per year
81	Bank	Non residential	paper	shredded, recycled	0.1			0.1	3 1/2 by 2 foot barrel	3 1/2 by 2 foot barrel
82	Thrift Store	Non residential	misc. items	materials exchange	34.8			0 34.8	20 lbs a month	20 lbs a month
85	Supplier	Non residential	cardboard	back hauled, recycled	10.4			10.4	1,245 sq. feet * .04 (most conservative average)	1,245 sq. feet * .04 per year
85	Supplier	Non residential	pallets	source reduction, backhauled, reused	1.2			1.2	40 lbs Diversion Study Guide 1999	400 lbs per week
86	Supplier	Non residential	cardboard	backhauled for reuse	45.2			45.2	manager's estimate	30 pallet per week business estimates
										estimated to weigh 116 lbs 15 bundles a week

**City of Lakeport
Origin Survey -1999**

Ref. #	Type of Generator	Residential/Non Residential	Material type	Diversification Activity	Source Reduction	Recycling	Compost	Weight (in tons) Revised totals	Conversion factor and source (if the actual weight was used, please note that.)	Quantification methodology used to calculate weight
86	Supplier	Non residential	metal display racks	recycled	0.5			0.5	manager's estimate	.35 tons per garage sale 1999 Diversion Study Guide number of sales estimated
87	Yard Sales	Non residential	materials exchange	0			0	0.63		.35 tons per garage sale sale. Counted the ads 120 added 60 for ones that didn't have ads estimated 3 per week 180 garage sales a year
88	Restaurant	Non residential	cooking oil	rendering	1.2			1.2	Diversion Study Guide 1999 business estimate	300 gallons (estimate by business) a year 7.45 lbs per gallon
89	Restaurant	Non residential	cooking oil	rendering	0.2			0.2	Diversion Study Guide 1999 (most conservative average)	35 lbs per month 1,245 sq. feet * .04 per year
83 A	Thrift Store	Non residential	misc. items	materials exchange	0			0 40.8	Diversion Study Guide 1999 (most conservative average)	1,220 sq. foot * .04
84 A	Thrift Store	Non residential	misc. items	materials exchange	0			0 48.8	Diversion Study Guide 1999	30 gallons per month
84 B	Restaurant	Non residential	cooking oil	rendering	1.3			1.3	7.45 lbs per gallon	2 cubic yds a week at 100 lbs per cubic yard
Confidential 1	Retail Sales	Non residential	cardboard	recycling	5.2			5.2	Diversion Study Guide 1999	48 cubic foot bin picked up 3 times a year at 906 lbs per cubic yard
Confidential 1	Retail Sales	Non residential	scrap metal	recycled - picked up by a recycler	1.5			1.5	Diversion Study Guide 1999	20 gallons a year at 70 lbs per gallon
Confidential 1	Retail Sales	Non residential	scrap metal - wheel weights	recycled - picked up by a recycler	0.7			0.7	estimated by owner	200 lbs per month
Confidential 10	Retail Sales	Non residential	scrap metal	recycled - picked up by a recycler	1.2			1.2	estimated by owner	600 lbs per year
Confidential 11	Service Provider	Non residential	car part cores	reused - sent back for remanufacturing	0			0 0.3	estimated by owner	32 cubic foot bin about once a year
Confidential 11B	Service Provider	Non residential	scrap metal	recycled	0.2			0.2	estimated by owner	20 per month 25 lbs each
Confidential 11B	Service Provider	Non residential	plastic barrels	reprocessed & reused	3			3	estimated by owner	100 lbs per month
Confidential 12	Retail Sales	Non residential	furniture	materials exchange	0.5			0.5	estimated by owner	200 lbs per year
Confidential 4A	Retail Sales	Non residential	scrap metal	recycled	0.1			0.1	store estimate	8 lbs per week of misc. paper & 10 lbs per week for cardboard
Confidential 4B	Retail Sales	Non residential	misc. paper	reuse in packaging with customers' purchases	0.5			0.5	estimate	55 gallons every two months
Confidential 5	Fast Food	Non residential	cooking oil	rendering	1.3			1.3	7.45 per gallon Diversion Study Guide 1999	74 cubic yds per year
Confidential 6	Service Provider	Non residential	greenwaste	off site composting				10.4	Diversion Study Guide 1999	280 lbs per cubic yard

City of Lakeport
Origin Survey - 1999

Ref. #	Type of Generator	Residential/Non Residential	Material type	Diversion Activity	Weight (in tons) Revised			Conversion factor and source (if the actual weight was used, please note that)	Quantification methodology used to calculate weight
					Source Reduction	Recycling	Compost		
Confidential 8A	Service Provider	Non residential	food waste	backhauled	0.2			0.2 estimate	10 lbs a week
Confidential 8B	Grocery Store	Non residential	foodwaste	source reduction, picked up by pig farmers	2			2 estimate	2 tons a year
Confidential 8B	Grocery Store	Non residential	pallets	source reduction, backhauled, reused	0.3			0.3 estimate	15 a year
Confidential 9	Retail Sales	Non residential	clothing	materials exchange				0.2 estimate	500 lbs per year
	Total Tire Recycling	Non residential	tires	tire reuse -- patched and sold for used tires	11.3				
	Waste Tire Products	Non residential	tires	reuse -- made into blocks for use at a landfill to prevent wind erosion	9.3			9.3 by owner	
					358.54	1061	418.12	1584.24	
48	Buy Back Center	Non residential	plastic	recycled				6 actual tons	12,024 lbs
48	Buy Back Center	Non residential	glass	recycled				75.6 actual tons	
48	Buy Back Center	Non residential	aluminum	recycled				50.5 actual tons	
48	Buy Back Center	Non residential	aluminum scrap	recycled				13.8 actual tons	
48	Buy Back Center	Non residential	copper and brass	recycled				2.8 actual tons	
59	Buy Back Center	Non residential	bimetal cans	recycling				11.9 actual weights by Timberline percentage was taken for Lakeport	
59	Buy Back Center	Non residential	aluminum cans	recycling				13.1 actual weights by Timberline percentage was taken for Lakeport	
59	Buy Back Center	Non residential	cardboard	recycling				110.8 actual weights by Timberline percentage was taken for Lakeport	
59	Buy Back Center	Non residential	glass	recycling				45.2 actual weights by Timberline percentage was taken for Lakeport	
59	Buy Back Center	Non residential	mixed	recycling				86.0 actual weights by Timberline percentage was taken for Lakeport	
59	Buy Back Center	Non residential	plastic	recycling				16 actual weights by Timberline percentage was taken for Lakeport	
59	Buy Back Center	Non residential	white metal	recycling				220.7 actual weights by Timberline percentage was taken for Lakeport	

**City of Lakeport
Origin Survey - 1999**

Ref. #	Type of Generator	Residential/Non Residential	Material type	Diversion Activity	Source Reduction	Recycling	Compost	Weight (in tons) Revised totals	Conversion factor and source (if the actual weight was used please note that) actual weights by Timberline	Quantification methodology used to calculate weight
59	Buy Back Center	Non residential	greenwaste	hauled to Napa, composted, sold to Napa agribusiness				271.4	Lakeport	
66	Buy Back Center	Non residential	glass bottles	recycling				85.6	Actual weights	
66	Buy Back Center	Non residential	aluminum cans	recycling				42.9	Actual weights	
66	Buy Back Center	Non residential	plastic bottles	recycling				4.4	Actual weights	
66	Curbside	Non residential	cardboard	recycling				284.6	Actual weights	
66	Curbside	Non residential	newspaper	recycling	322.1			322.1	Actual weights	
66	Curbside	Non residential	misc. paper	recycling	112			112	Actual weights	
66	Curbside	Non residential	tin/etal cans	recycling	11			11	Actual weights	
66	Curbside	Non residential	scrap metal	recycling	7.2			7.2	Actual weights	
66	Curbside	Non residential	plastic	recycling	10.5			10.5	Actual weights	
66	Curbside	Non residential	glass	recycling	22.3			22.3	Actual weights	
66	Curbside	Non residential	greenwaste	composted	29.5			29.5	Actual weights	
83 B	Private Recycler	Non residential	paper	recycled	9			9	owner's records	
83 B	Private Recycler	Non residential	aluminum cans	recycled	0.6			0.6	owner's records	

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, (MS-25)
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.

1. Use a recent generation-based study to calculate our current reporting year generation amount, but not officially change our existing Board-approved base year.
 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199.

Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name	County		
City of Lakeport	Lake		
Authorized Signature	Title		
Type/Print Name of Person Signing	Date	Phone () Include Area Code	
Person Completing This Form (please print or type)	Title		
Affiliation:			
Mailing Address	City	State	ZIP Code
E-Mail Address			

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., "4").

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved existing base year:

1990

2. Proposed new generation-based study year:

2000

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

In regard to the quantity, amount is more adequately documented by actual weights and self haul origin verification than that reported by the County of Lake. In regard to the diversion quantity, diversion programs at businesses not using the franchise provided program were identified and counted.

4. Enter diversion rate information below.

Diversion rate calculated using existing base year	a. 32 %	Diversion rate calculated using new generation-based study	b. <u>51.49%</u>
For existing base year pounds/person/day based on generation	8.41	For new generation based study pounds/person/day based on generation	<u>11.89</u> <u>12.43</u>
Residential generation 60 % Non-Residential generation 40 %		Residential generation 60% % Non-Residential generation 40% %	
Population existing generation-based study	4390	Population new generation-based study	4600

5. If there is an increase from 4a to 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples (e.g., change in jurisdiction's demographics).

The City of Lakeport is a commercial center for Lake County. The 1990 Base Year Data did not take into account all the wastes generated and diverted by businesses not using the Franchise services or public diversion opportunities that were available at the time. The increase in the lbs/person/day reflects the large commercial volume of wastes that are generated; private diversion efforts, driven by economics, are chiefly responsible for the large amounts and high percentages of material being diverted.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

Reasons for the diversion difference include: 1) Waste origin errors. 2) Inaccurate disposal quantity amounts. 3) Inaccurate waste generation amounts. 4) More accurate assessment of the quantity of materials diverted. 5) Improved diversion programs.

~~3585~~

~~1765~~

~~5350-~~

7. Disposal Tonnage (enter values):

Residential	3277	1614	4891
Total			

Please select the **ONE** choice below that best explains your **disposal** data and complete the required tables.

- a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)
- b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at www.ciwmib.ca.gov/LGCentral/Forms/lytnmdrq.doc)
- c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at www.ciwmib.ca.gov/LGCentral/Forms/lytnmdrq.doc)

- 8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested. Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, agricultural wastes, inert solids (e.g., concrete, asphalt, dirt), white goods, and scrap metal, please identify those programs/waste types and fill out Section 10. Please mark as Attachment 8 all copies of survey forms.**

*Please provide detailed Non-Residential waste information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.	Diversions Activity	Actual Tons	Reduced Percentage Specific Waste Type (list operation with multiple materials)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Records
Please use the Board's program types.					
The program type necessary is online at:	(N)				
www.ciwmib.ca.gov/LGCentral/Forms/lytnmdrq.doc					
Residential Source Reduction Activities					
Backyard Composting		0.0%			
Grasscycling		0.0%			
Other Residential Source Reduction (list each program separately)					
Thrift Stores		0.0%			
Yard Sales		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Stationary Residential Source Reduction	0	0.0%			
Residential Recycling Activities					
Curbside Recycling					
	1321	13.2%	Cardboard, Paper, Cans, Plastic, Glass, and Tires	Actual Tons	Franchise Hauler (this tonnage includes residential and commercial tonnage. The city does not track separately.)
Buyback Centers	831	8.3%	Aluminum, Glass and Plastic	Actual Tons	Buyback Center
Drop-off Centers	37	0.4%	Aluminum, Cardboard, Glass, Paper, Plastic & Scrap Metal	Actual Tons	Timberline - percentage was taken for Lakeport

Diversion Activity	Actual Name	Relative Percent to From Generation	Specific Material Type(s) of Litter Operation with Multiple materials	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at www.dmnib.ca.gov/Office/EnvCo/bs/Pct.htm	(a) (b) [Redacted]				
Other Residential Recycling (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Recycling	2193	21.9%			
Residential Composting Activities					
Green Waste Drop-off	239	2.4%	Greenwaste	Actual Tons	Timberline - percentage was taken for Lakeport
Curbside Green Waste	339	3.4%	Greenwaste	Actual Tons	Franchise Hauler
Christmas Tree Program					
Other Residential Composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Composting	578	6.8%			
Subtotal Residential Diversion	2781	27.7%			
Non-Residential Source Reduction Activities:					
Non-Residential Waste Audit*	338	3.4%	See Section 8	See Section 9	See Section 9
Other Non-Residential Source Reduction (list each program separately)					
Enter Program name					
Enter Program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Sources Reduction	338	3.4%			

Division Activity	Actual tons	Relative Percent to Total Generation	Specific Material Types (List operation with multiple materials in one box)	Specific Conversion Factor Used (Any) and Source	Type of Record and Location of Record
Please use the Board's program types.	(A)	All total Generation			
The program type glossary is online at: www.dombiz.ca.gov/CCentral/Parcels/ResResB.htm					
Non-Residential Waste Audit*	Recycling	1713	17.2%	See Section 9	See Section 9
Other Non-Residential Recycling (list each program separately)					
Enter program name	0	0.0%			
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Recycling		1713	17.2%		
Non-Residential Composting					
Enter program name	269	2.7%		See Section 9	See Section 9
Other Non-Residential Composting (list each program separately)					
Enter program name				See Section 9	See Section 9
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Composting		269	2.7%		
Subtotal Non-Residential Division					
Residential/Non-Residential	2320	23.3%			
Division Activities					
ADC					
Sludge					
Scrap Metal	0	0.0%			
Construction and Demolition					
Landfill Salvage					
Subtotal Residential/Non-Residential Division		0	0.0%		
Total Residential/Res. Source Reduction	Tons	338	3.4%		
Total Diversions					
Total Diversions	5037	51.0%			
Total Disposal Tons from Sec. 7	Tons	4811	49.9%		
Total Generation Tons Divided		40447	99.8%		
Diversion Rate					
Diversion Rate		51%			

Type of Non-Residential Generator	Audit Reference Number	Specific/Major Diversion Activities (e.g., paper recycling, grasscycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Tons/Total Generation in Section 8)	Survey Method
								Phone (P) Mail (M) On-site (O) Other _____
Supermarket	48	Cardboard, plastic shrink wrap, buckets and miscellaneous, cooking oil, bone and fat rendering recycling, food waste (pig food), bread donation, outdated goods, damaged can goods source reduction, and produce composted						0
Supermarket	7	Miscellaneous food (dated material) food and damaged containers, stale bread donations, food waste, stale baked items source reduction, cardboard, plastic bags, cooking oil rendering, bones and fat rendering, pallets recycling	111	557	101	769	7.7%	0
Retail	23	Cardboard recycling	62	407	325	469	4.7%	3.3% 0
Retail	50	White goods recycling, white goods reuse, toner cartridges recycling	52	36	36	325	0.9%	0
Public Agency Service Company	35	Grass, leaves composting	52	81	83	83	0.8%	0
Retail	43	Paper Recycling	81	60	60	81	0.8%	0
Distributor		Scrap metal and white goods recycling	60	56	2	58	0.6%	0
Public Agency	26	Cardboard Reuse, Scrap Metal Recycling, Food Waste Source Reduction	56	57	57	57	0.6%	0
Retail	14	Greenwaste composting	55	55	55	55	0.6%	0
		Totals	281	1523	241	2045	20.5%	

Also provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s) used.

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources (e.g., cardboard recycling; quantified by monthly tonnage receipts provided by the contact person at the business).

Quantification:

CARDBOARD RECYCLING Business #7: Manager confirmed 2 1/2 bales per day @ 800 lbs per bale. Business #14: Manager's estimate @ 3.5 bales per wk. @ 600 lbs per bale. Business #23: Manager confirmed 25 bales per wk. @ 840 lbs. Per cubic yard. Business #48: Manager confirmed 3 bales per wk. @ 1000 lbs per bale.

CARDBOARD REUSE Business #15: Manager's records 84,000 boxes per yr. @ 140 boxes per bale @ 175 lbs per bale, 600 bales per yr.

PLASTIC SHRINK WRAP, BUCKETS & MISC. Business #7: Manager confirmed one 33-gallon bag per day @ 4.4 lbs per bag. Business #48: Manager confirmed 6 bags per day @ 10 lbs per bag.

PLASTIC RECYCLING Business #14: Manager's estimate @ 25 lbs per wk.

COOKING OIL RENDERING Business#7: Manager confirmed 60 gallons per month @ 8 lbs per gallon. Business #48: Manager confirmed 150 lbs every 2 & 1/2 wks.

BONE and FAT RENDERING Business #7: Manager confirmed one 55-gallon drum @ 100 lbs per drum @ three times per week. Business #48: Manager confirmed 1 barrel every 3 weeks @ 150 lbs per barrel.

MISCELLANEOUS FOOD SOURCE REDUCTION (dated material) Business #7: Manager confirmed 100 lbs per week. Business #48: Manager confirmed 1 banana boxes per week @ 30 lbs per box.

FOOD and DAMAGED CONTAINERS SOURCE REDUCTION Business #7: Manager confirmed 300 lbs per week. Business #48: Manager confirmed 60 banana week.

FOOD WASTE SOURCE REDUCTION Business #7: Manager confirmed 3 pallets per week @ 600 lbs per pallet. Business #15: Manager's estimate 120 lbs per week. Business #48: Manager confirmed 1 bin per day @ 300 lbs per bin.

BREAD DONATION Business #7: Manager confirmed 70 lbs per week. Business #48: Manager confirmed 50 loafs per day @ 1 lb per loaf.

STALE BAKED ITEMS SOURCE REDUCTION (Donated) Business #7: Manager confirmed 30 lbs pr day.

PALLETS RECYCLING Business #7: Manager confirmed 280 pallets every other month @ 40 lbs per pallet.

GREENWASTE COMPOSTING Business #26: City staff confirmed weight from weight tickets. Business #35: Grass @ 24 cubic yards per week @ 6 months @ 2.80 lbs per cubic yard (DSG); Leaves 16 cubic yards per year @ 343.7 lbs per cubic yard (DSG).

PAPER RECYCLING Business#20: Actual tons.

SCRAP METAL-RANGE HOODS RECYCLING Business #15: Manager's estimate 3,000 lbs per year. Business #43: Manager confirmed 50 lbs per week.

WHITE GOODS RECYCLING Business #43: Manager confirmed 50 units per month @ 200 lbs per unit. Business #50: Manager estimated 14 per wk. @ 100 lbs each. WHITE GOODS REUSE Business #50: Manager estimated 20 per week @ 100 lbs each.

PRODUCE COMPOSTED Business #48: Manager confirmed an average of 553 lbs per day from weight tickets.

TONER CARTRIDGE RECYCLING Business #50: Manager estimated 12 per year @ 2.5 lbs each (DSG).

10. For each restricted waste type (i.e., agricultural waste, inert solids, [e.g. concreter, asphalt, dirt, etc.] scrap metals and white goods [PRC section 41781.2]) and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

Note: program name refers to one specific diversion program for that waste type (e.g., "Diversion conducted by city public waste dept.").

Restricted Waste Type	Specific Program Name	Year Started	Tonnage
Scrap Metal	▼ Generator #43 Recycling	1995	0
White Goods	▼ Generator #43 Recycling	1995	60
White Goods	▼ Generator #52, 50, 46, 36	1993	176
Scrap Metal	▼ Generator #37, 34, 15	1993	7
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		

b. If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been approved by the Board - on a separate sheet marked "Attachment 10b", provide the documentation that indicates:

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (Note : this criterion is applicable to the entire jurisdiction, not to individual programs (PRC sec. 41781.2 [c] [2]). Please include documentation.
- That the jurisdiction is implementing, and will continue to implement, the diversion programs in its source reduction and recycling element.

Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.

Instead please provide date of Board approval of previously submitted information.

(Date)

If documentation is not available, go to 10d.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Diversion Tonnage
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. **Note :** Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Tonnage	1990 Diversion Tonnage	Difference
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			

#	Type of Generator	Residential/nonresidential	Material type	Diversion Activity	source reduction	recycling	composting	original totals	Conversion factor and source [if the actual weight was used, please note that.]	Quantification methodology used to calculate weight
1	Furniture Store	nonresidential	old furniture	source reduction – furniture is set outside for people to take	5.2				5.2 100 lbs/couch - manager's estimate	2 couches/week - manager's estimate
2	Distributor	nonresidential	misc. paper	recycled		20.8			20.8 manager's estimate	800 lbs/week
3	Bakery	nonresidential	left-over food	source reduction – given to community	0.5475				0.5475 manager's estimate	3 lbs/day
4	Restaurant	nonresidential	cooking oil	recycled - rendering		6.018			6.018 7.45 lbs/gal.	2 yd ³ bin/every 3 mos.
5	Bank	nonresidential	misc. paper	recycled		2.9805			2.9805 none	actual tonnage reported
5	Bank	nonresidential	toner cartridges	recycled		0.0005			0.0005 manager's estimate	10/year @4 lbs each
6	Distributor	nonresidential	cardboard	recycled		20.8			20.8 manager's estimate	800 lbs/week
6	Distributor	nonresidential	plastic	recycled		0.52			0.52 manager's estimate	20lbs/week
6	Distributor	nonresidential	misc. food (dated material)	source reduction - sold to outlets	1.56				1.56 manager's estimate	60 lbs/week
6	Distributor	nonresidential	stale foods	source reduction – animal food	0.52				0.52 manager's estimate	20 lbs/week
7	Grocery Store	nonresidential	misc. food (dated material)	source reduction - sold or donated	2.6				2.60 3.2 manager's estimate	125 lbs/week
7	Grocery Store	nonresidential	cardboard	recycled		362			362 365 manager's estimate	2-1/2 bales/week @800 lbs/bale
7	Grocery Store	nonresidential	plastic food & damaged containers	recycled		0.81			0.81 0.67 22.55 lbs/yd ³ - Diversion Study Guide	1-33 gal bag/day - manager's estimate
7	Grocery Store	nonresidential	stale bread	source reduction - back hauled, resold, or donated	7.8				7.8 5.2 manager's estimate	200 lbs/week
7	Grocery Store	nonresidential	cooking oil	recycled - rendering		1.82			1.82 manager's estimate	70 lbs/week
7	Grocery Store	nonresidential	food waste	source reduction - back hauled, resold, or donated		2.88			2.88 2.682 7.45 lbs/gal - Diversion Study Guide	60 gal/month - manager's estimate
7	Grocery Store	nonresidential	stale baked items	source reduction - animal food	46.8				46.80 46.6 manager's estimate	600 lbs/week
7	Grocery Store	nonresidential	bones & fat	recycled - rendering		5.43			5.43 manager's estimate	30 lbs/day
7	Grocery Store	nonresidential	pallets	recycle		33.6			33.6 40 lbs per pallet	280 pallets @ every other month
8	Restaurant	nonresidential	cooking oil	recycled - rendering		2.4			2.4 7.45 lbs/gal - Diversion Study Guide	100 gal every 2 months - manager's estimate

#	Type of Generator	Residential/no residential	Material type	Diversion Activity	source reduction	recycling	composting	original totals	Conversion factor and source [if the actual weight was used, please note that]	Quantification methodology used to calculate weight
9 Retail	nonresidential	rubber boots	source reduction - donated	15				15	manager's estimate	30,000 lbs/year (one-time donation)
9 Retail	nonresidential	unsold clothing	source reduction - donated	0.25				0.25	manager's estimate	500 lbs/year
10 Public Agency	nonresidential	leaves	composting - mulch compost pile		17.19	30.44		17.19	343.7 lbs per cubic yard for dry leaves Diversion Study Guide 1999	177 cu yds of leaves/year - manager's estimate
10 Public Agency	nonresidential	grass	composting - mulch compost pile		9.8	2.4		9.8	280 lbs per cubic yard Diversion Study Guide 1999	17 cu yds of grass/year - manager's estimate
11 Thrift	nonresidential	miscellaneous	source reduction - materials exchange	0				0	49.8	Used most conservative figures in the 1999 Diversion Study Guide.
12 Service Company	nonresidential	paper	recycled		0.86666			0.86666	0.86666 manager's estimate	1245 sq ft of floor @0.04 tons/sq ft 100 lbs every three weeks of documents
12 Service Company	nonresidential	paper	source reduction - donated	0.15				0.15	manager's estimate	300 lbs/year of books & maps
13 Furniture Store	nonresidential	used furniture	source reduction - furniture is set outside for people to take	7.26				7.26	60 lbs/piece - Diversion Study Guide 7.26/1999, average from the furniture listed behind store to be taken	2 pcs/year donated; 20 pcs/month left
14 Retail	nonresidential	plastic	recycle		0.65			0.65	manager's estimate	25 lbs/week
14 Retail	nonresidential	cardboard	recycled - back hauled	54.6				54.6	54.6 manager's estimate	3.5/600 lb bales/week
15 Distributor	nonresidential	cardboard	source reduction - reuse for product distribution	52.5				52.5	manager's records	84,000 bxs/year; 140 bxs/bale; wt./bale = 175 lbs. 600 bales/year
15 Distributor	nonresidential	scrap metal (shelves)	recycled - picked up by salvager		1.5			1.5	manager's estimate	3000 lbs/year
15 Distributor	nonresidential	food waste	source reduction - used for animal food	3.1				3.1	manager's estimate	120 lbs/week
16 Thrift	nonresidential	miscellaneous	materials exchange	0				0	77.6	Diversion Study Guide - used most conservative figure
18 Retail Sales	nonresidential	motorcycle engines	source reduction	0.75				0.75	actual - per manager	1941 sq ft of floor @0.04 tons/sq ft
18 Retail Sales	nonresidential	jet ski engines	source reduction	0.11				0.11	actual - per manager	1500 lbs total donated to Voc. Ed. Class
19 Thrift	nonresidential	miscellaneous	source reduction	0				0	483.6	220 lbs total donated to Voc. Ed. Class
20 Service Company	nonresidential	misc. paper and micro materials	recycling		81.05			81.05	actual tons	4590 sq ft of floor @0.04 tons/year/ft ² actual tons
22 Restaurant	nonresidential	food oil	recycling - rendering		22.35			22.35	7.45 lbs/gal - Diversion Study Guide	1000 gal every 2 months - manager's estimate
23 Retail	nonresidential	cardboard	recycled		325	218.4		325	manager's estimate	8400 lbs/week
23 Retail	nonresidential	misc. paper	recycled		0.9009	0.9009		0.9009	.77 lb/gal - Diversion Study Guide	45 gal/week - manager's estimate

#	Type of Generator	Residential/nonresidential	Material type	Diversion Activity	source reduction	recycling	composting	original totals	Conversion factor and source (if the actual weight was used, please note that.)	Quantification methodology used to calculate weight
24	Retail	nonresidential	cardboard	recycled		1.3		1.3	1.3 manager's estimate	50 lbs/week
25	Bank	nonresidential	paper	recycled		1.3		1.3	1.3 manager's estimate	50 lbs/week
25	Bank	nonresidential	toner cartridges	recycled		0.075		0.075	manager's estimate	100 cartridges each/year @ 1.5 lbs each
26	Public Agency	nonresidential	green waste	composting		57		57	none	actual weight
27	Printing	nonresidential	aluminum	recycled		7.5		7.5	none	actual weight
27	Printing	nonresidential	litho film	recycled		1.395		1.395	none	actual weight
28	Service Company	nonresidential	newspaper	source reduction -- donated	0.2			0.2	manager's estimate	400 lbs/year
28	Service Company	nonresidential	toner cartridges	recycled		0.036		0.036	manager's estimate	3 per month @2 lbs each
31	Furniture Store	nonresidential	used furniture	source reduction - furniture is set outside for people to take	7.8			7.8	manager's estimate	3 pcs/ week @100 lbs each
31	Furniture Store	nonresidential	carpeting	source reduction - donated	0.15			0.15	manager's estimate	2 rolls @150 lbs each
32	Grocery Store	nonresidential	food & damaged containers	source reduction - donated	1			1	manager's estimate	20 gal/month
32	Grocery Store	nonresidential	old bread	source reduction - donated	1.82			1.82	manager's estimate	70 lbs/week
34	Retail Sales	nonresidential	scrap metal	recycled		1.36		1.36	906 lbs/yds ³ - Diversion Study Guide	1 cu yd 3 times/year - managers estimate
34	Retail Sales	nonresidential	wheel weights	recycled		0.7		0.7	manager's estimate	20 gal/year @70 lbs/gal
35	Public Agency	nonresidential	grass	composting		80.6		80.6	1999	24 yds ³ /week for 6 months
35	Public Agency	nonresidential	leaves	composting		2.7		2.7	1999	343.7 lbs/yd ³ - Diversion Study Guide
36	Retail	nonresidential	cardboard	recycled		26		26	manager's estimate	16 yds ³ /year
36	Retail	nonresidential	misc. paper	recycled		1.3		1.3	manager's estimate	1000 lbs/ week
36	Retail	nonresidential	white goods	source reduction	0.5			0.5	manager's estimate	1000 lbs/year
36	Retail	nonresidential	outdated foods & coded boxes	source reduction	1.3			1.3	manager's estimate	50 lbs/week
36	Retail	nonresidential	green waste/plants	source reduction	1.3			1.3	manager's estimate	50 lbs/week

#	Type of Generator	Residential/nonresidential	Material type	Diversion Activity	source reduction	recycling	composting	original totals	Conversion factor and source (if the actual weight was used, please note that)	Quantification methodology used to calculate weight
37	Retail	nonresidential	scrap metal	recycled	2			2	manager's estimate	1000 lbs, 4 times/year
37	Retail	nonresidential	wheel weights	recycled	1.2			1.2	manager's estimate	200 lbs/month
38	Retail	nonresidential	toner cartridges	recycled	1.04			1.04	manager's estimate	10/week, 4 lbs each
39	Restaurant	nonresidential	cooking oil	recycled - rendering	6			6	manager's estimate	1000 lbs/month
39	Restaurant	nonresidential	plastic buckets	source reduction	0.094			0.094	0.3 lbs/container - Diversion Study Guide	10 to 15 containers/week - manager's estimate
40	Distributor	nonresidential	misc. paper	recycled		5.2		5.2	manager's estimate	200 lbs/month
41	Grocery Store	nonresidential	cardboard	recycled		31.2		31.2	manager's estimate	3 each 400 lb bales/week
41	Grocery Store	nonresidential	misc. paper	recycled		0.5		0.5	manager's estimate	20 lbs/ week
41	Grocery Store	nonresidential	newspaper	recycled		1.3		1.30	2.6 manager's estimate	100 lbs/week
41	Grocery Store	nonresidential	plastic	recycled		1.17		1.17	manager's estimate	45 lbs/week
41	Grocery Store	nonresidential	plastic buckets	source reduction	0.26			0.26	0.2 manager's estimate	10 lbs/week
41	Grocery Store	nonresidential	cooking oil	recycled - rendering		3.87		3.87	7.45 lbs/gal - Diversion Study Guide	20 gal/week - manager's estimate
41	Grocery Store	nonresidential	bones, fat, trim	recycled - rendering		2.6		2.6	manager's estimate	100 lbs/week
41	Grocery Store	nonresidential	old bread	source reduction - sold or donated	1.81			1.81	2.6 manager's estimate	100 lbs/week
41	Grocery Store	nonresidential	damaged or due date foods	source reduction - sold or donated	0.78			0.78	manager's estimate	30 lbs/week
41	Grocery Store	nonresidential	green food waste	source reduction - animal food	7.8			7.80	2.6 manager's estimate	100 lbs/week
42	Restaurant	nonresidential	cooking oil	recycled - rendering		2.235		2.235	7.45 lbs/gal - Diversion Study Guide	50 gal/month - manager's estimate
43	Retail	nonresidential	scrap metal - range hoods	recycled		0.3		0.30	0.4 manager's estimate	50 lbs/month - 10 at 5 lbs/unit
43	Retail	nonresidential	white goods	recycled		60		60	200 lbs/appliance Diversion Study Guide 1999 (conservative average)	50 units/month - Diversion Study Guide
44	Thrift	residential	misc. items	source reduction	0			0	0.133.9 the Diversion Study Guide.	used the most conservative figures in 3348 ft ² x 0.04 tons/year/ft ²
46	Retail	nonresidential	white goods	recycled		7.5		7.5	manager's estimate	5 to 6 units/month @ 250 lbs/each

#	Type of Generator	Residential/nonresidential	Material type	Diversion Activity	Source reduction	recycling	composting	original totals	Conversion factor and source [(if the actual weight was used, please note that)]	Quantification methodology used to calculate weight
47	Retail	nonresidential	misc. paper	composted		0.208		0.208	8 lbs/32 gal - Diversion Study Guide	32 gal/week - manager's estimate
48	Grocery Store	nonresidential	cardboard	recycled	543			543.00	202.144441 none	actual tons
48	Grocery Store	nonresidential	plastic	recycled		10.86		10.86	4.61032 none	actual tons
48	Grocery Store	nonresidential	old food	source reduction - pig farmers	54.3			54.30	-73 manager's estimate	400 lbs/day
48	Grocery Store	nonresidential	cooking oil	recycled - rendering		1.56		1.56	7.45 lbs/gal - Diversion Study Guide	80 gal/month - manager's estimate
48	Grocery Store	nonresidential	damaged or due date foods	composting		0.78		0.78	manager's estimate	30 lbs/week
48	Grocery Store	nonresidential	meat waste bones & fat	recycled - rendering	1.3			1.30	19.5052 none	actual tons
48	Grocery Store	nonresidential	bread	source reduction	9.05			9.05	7.8 manager's estimate	300 lbs/week
48	Grocery Store	nonresidential	produce	composted				101.09	104.0724 none	actual tons
48	Grocery Store	nonresidential	food outside code date	source reduction - donated	46.8			46.80	36.5 manager's estimate	200 lbs/day
49	Thrift	residential	misc. items	source reduction	0			0	53.6 Study Guide 1999	1339 ft ² - 0.04 tons/year/sq ft
50	Retail	nonresidential	white goods	recycled	36.4			36.4	manager's estimate	14/lb/week @100 lbs each
50	Retail	nonresidential	used white goods	source reduction-repaired & resold	52			52	manager's estimate	20/lb/week @100 lbs each
50	Retail	nonresidential	toner cartridges	recycled	0.012			0.012	manager's estimate	12/year
51	Restaurant	nonresidential	cooking oil	recycled - rendering	3.0433			3.0433	7.45 lbs/gal - Diversion Study Guide	55 gals/3 to 4 weeks - manager's estimate
56	Bank	nonresidential	confidential papers/recycled		1.84			1.84	None	actual tons
57	Yard Sales	residential	misc. items	source reduction - materials exchange	0			0.35 tons/yard sale - Diversion Study Guide 1999	0 .77	222 yard sales/year
				TOTALS	338.3615	1712.622861	269.3638			
	Materials Handlers									
29	Franchise Hauler/Curbside	residential	cardboard	recycled	438.14			438.14 none		actual tons
29	Franchise Hauler/Curbside	residential	paper	recycled	501.05			501.05 none		actual tons

#	Type of Generator	Residential/no residential	Material type	Diversion Activity	source reduction	recycling	composting	original totals	Conversion factor and source (if the actual weight was used, please note that)	Quantification methodology used to calculate weight
29	Franchise	residential	cans	recycled		21.16		21.16	none	actual tons
29	Hauler/Curbstdie	residential	plastic	recycled		9.76		9.76	none	actual tons
29	Franchise	residential	green waste	composting		338.57		338.57	none	actual tons
29	Hauler/Curbstdie	residential	glass	recycled		12.6		12.6	none	actual tons
29	Hauler/Curbstdie	residential	tires	recycled in Orland		25.1		25.1	none	actual tons - to Orland
30	Buy Back Center	residential	aluminum	recycled		47.01		47.01	none	actual tons
30	Buy Back Center	residential	glass	recycled		121.92		121.92	none	actual tons
30	Buy Back Center	residential	plastic	recycled		6.32		6.32	none	actual tons
45	Private Recycler	residential	paper	recycled		11		11	owner's records	actual tons
45	Private Recycler	residential	aluminum cans	recycled		0.6		0.6	owner's records	actual tons
52	Self-haul Drop-off	residential	aluminum	recycled		12.8		12.8	none	actual weights by Timberline - percentage was taken for Lakeport
52	Self-haul Drop-off	residential	cardboard	recycled		59.9		59.9	none	actual weights by Timberline - percentage was taken for Lakeport
52	Self-haul Drop-off	residential	glass	recycled		35.1		35.1	none	actual weights by Timberline - percentage was taken for Lakeport
52	Self-haul Drop-off	residential	mixed paper	recycled		59.9		59.9	none	actual weights by Timberline - percentage was taken for Lakeport
52	Self-haul Drop-off	residential	plastic	recycled		20.1		20.1	none	actual weights by Timberline - percentage was taken for Lakeport
52	Self-haul Drop-off	residential	white goods & scrap metal	recycled		79.14		79.14	none	actual weights by Timberline - percentage was taken for Lakeport
53	Self-haul Drop-off	residential	green waste	composted		238.8		238.8	none	actual weights
53	Buy Back Center	residential	glass bottles	recycled		73.833		73.833	none	actual weights
53	Buy Back Center	residential	aluminum cans	recycled		37.165		37.165	none	actual weights
53	Buy Back Center	residential	plastic bottles	recycled		6.4875		6.4875	none	actual weights
53	Buy Back Center	residential	bimetal cans	recycled		0.0335		0.0335	none	actual weights